

PATENT ABSTRACTS OF JAPAN

(11)Publication number :

03-200805

(43)Date of publication of application : 02.09.1991

(51)Int.CI.

C08F 6/08

C08F 16/38

(21)Application number : 01-340548

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(22)Date of filing : 28.12.1989

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(54) PURIFICATION OF WATER-SOLUBLE POLYVINYL ACETAL

(57)Abstract:

PURPOSE: To remove effectively inorganic ions as impurities from a water-soluble polyvinyl acetal by heating an aqueous solution of the acetal to form a concentrated aqueous solution layer of the acetal and a water layer and separating this water layer.

CONSTITUTION: An aqueous solution containing a water-soluble polyvinyl acetal is heated to form a concentrated aqueous solution layer of this acetal and a water layer, and this water layer is separated from the concentrated aqueous solution layer. The above process is suitable for the purification of an aqueous solution of polyvinyl acetal of a resin concentration of 20wt.% or less. The heating temperature of the aqueous solution is in the range of usually about 50-100° C, preferably 80-100° C.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision
of rejection]

[Kind of final disposal of application other
than the examiner's decision of rejection
or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

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